

Abstract of the Disclosure

A method of screening a candidate compound for susceptibility to metabolism by a selected enzyme. The method includes the steps of reacting the candidate compound, an indicator compound precursor and the selected enzyme, the enzyme characterized as having a side reaction associated with metabolic activity of the enzyme wherein a chemical species capable of reacting with the indicator compound precursor is produced; and detecting an indicator compound, the indicator compound produced from the indicator compound precursor by reaction with the chemical species produced from the side reaction associated with metabolic activity of the enzyme, the detection of the indicator compound indicating the susceptibility of the candidate compound to metabolism by the enzyme. A preferred example of the selected enzyme is a cytochrome P450 (CYP).